GENTHERM

Climate Control Sleep System

User Guide

Welcome!

Congratulations on choosing the innovative Climate Control Sleep System. Get ready to enjoy personalized climate control that will improve your overall comfort and sleep quality.

If you have any questions while setting up or using your bed, please visit www.gentherm.com/ccss

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ADVISORY

PLEASE READ THE FOLLOWING INFORMATION CAREFULLY BEFORE USING THIS PRODUCT.

PLEASE SAVE THESE INSTRUCTIONS.

As with all electrical products, the misuse of this product or failure to properly follow the instructions may cause overheating, fire, or personal injury.

1. Be sure the main control unit is used only on an AC supply current circuit of 100-240 AC volts. Do not use with an extension cord.

2. It is recommended to use a surge protection device (not included) between the main control unit and the outlet. Failure to use a surge protector could cause product malfunction in the event of an electrical surge.

3. Do not use with damaged cords. Do not remove, trap, fold, cross or pinch any wires or cords.

4. The main control unit should be placed on a dry, firm floor, in a well ventilated place, free from surrounding fabric. Clearance of at least one (1) foot should be left on all sides. Do not cover the main control unit. Do not cover or block airflow to the individual heater/cooler units.

5. Do not use the heat/cool feature of this bed with an infant, a child, an incapacitated person, a paraplegic, a quadriplegic, or if you are insensitive to heat or cool. Keep all pets away from the main control unit and wiring. This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capacities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety. Children should be supervised to ensure that they do not play with the appliance.

IMPORTANT SAFETY INSTRUCTIONS

DANGER — To reduce the risk of electric shock:

- Always unplug the MCU from the electrical outlet before cleaning.
- Keep the cord away from the heated surfaces.
- Do not use outdoors.

FCC Compliance

The remote device complies with part 15 of the FCC rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference with a residential installation. This equipment generates, uses and can radiate frequency energy and, if not installed and used in accordance with these instructions, may cause harmful interference to radio communications. There is no guarantee that interference will not occur in a particular situation. If this equipment does interfere with TV or radio reception, which can be determined by turning the device on and then off, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or locate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Modifications made to the product, unless expressly approved by Gentherm, could void the user's authority to operate the equipment.

CAUTION : Exposure to Radio Frequency Radiation. Antenna shall be mounted in such a manner to minimize the potential for human contact during normal operation. The antenna should not be contacted during operation to avoid the possibility of exceeding the FCC radio frequency exposure limit.

CE *Compliance*

The Climate Control Sleep System comforms to CE directives:

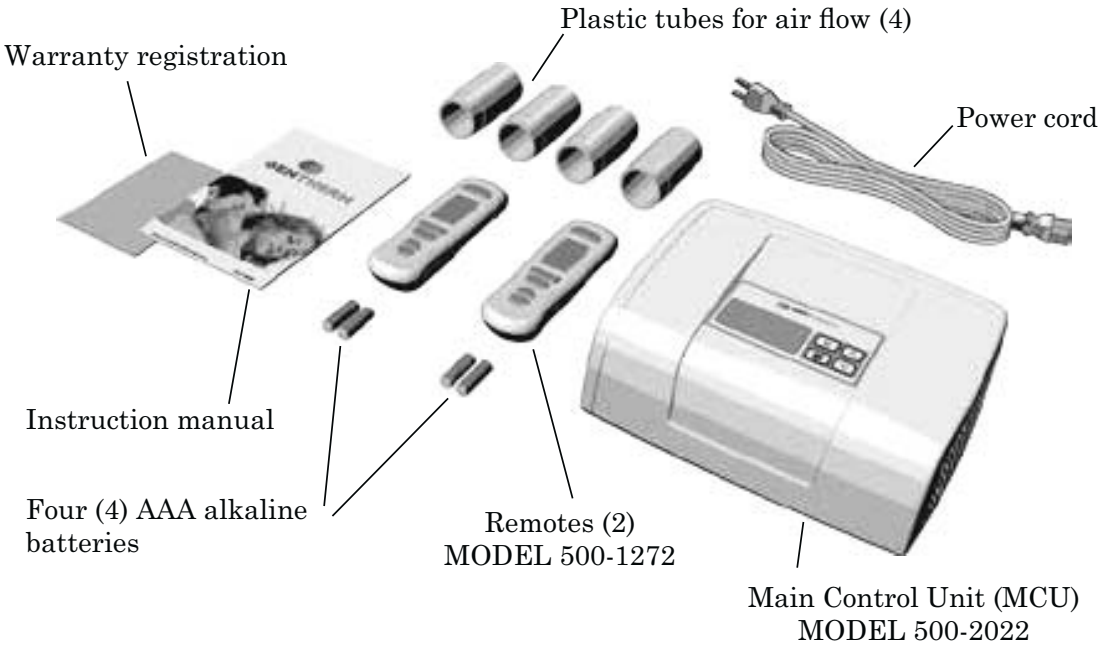
2006/95/EC
2004/108/EC
RoHS 2012/19/EU
R&TTE 1999/5/EC

- Climate Control Sleep System utilizes 100-240VAC, 47-63Hz, 4A
- Manufactured by Gentherm
- Electronics made in China
- Temperature range of operation is 55°F (13°C) to 95°F (35°C)
- For household/residential use only

INSTALLATION

Before You Begin:

Check the contents of the electronic kit box MODEL 500-2019. It should include:



BEDDING CONSIDERATIONS

Decide on a location for your new bed. Consider the following:

- Keep the master control unit away from areas that might become damp or wet, such as an open window.
- Do not cover the master control unit; ensure that it is in a well-ventilated area.
- Do not store any items under the bed; a well-ventilated space under the bed is necessary for proper functioning of the climate control system.

BEDDING CONSIDERATIONS

- Do not cover interlay with fitted sheet.
- Do not use a mattress pad on your mattress as it will block air flow to the surface of the bed.

BED SKIRT MODIFICATION (if used)

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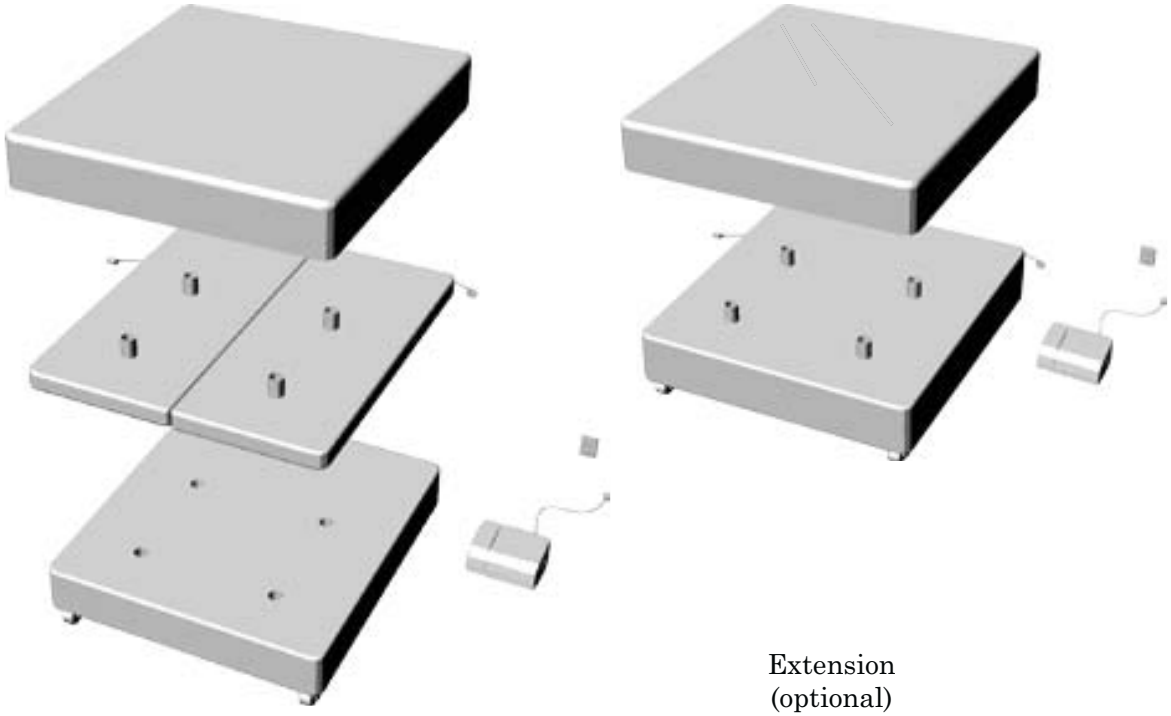
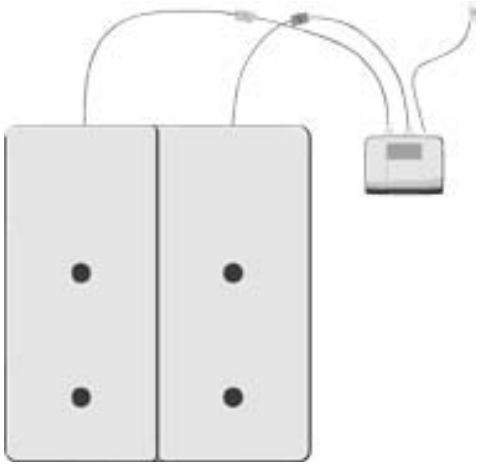
BED SET UP



Extension
(optional)



Note:

- Cords exit the interlay from the head of the bed.
- Queen interlay cords exit from the outside edge of the interlay from the head end of the bed.
- It is recommended that a surge protection device (not included) is used between the MCU and the outlet.
- Prior to installation of the mattress, add the four (4) posts and turn the MCU to high heat (refer to OPERATION section) and verify that there is air flow coming from the posts. If there is no airflow, verify all connections are made, then, refer to the troubleshooting section.

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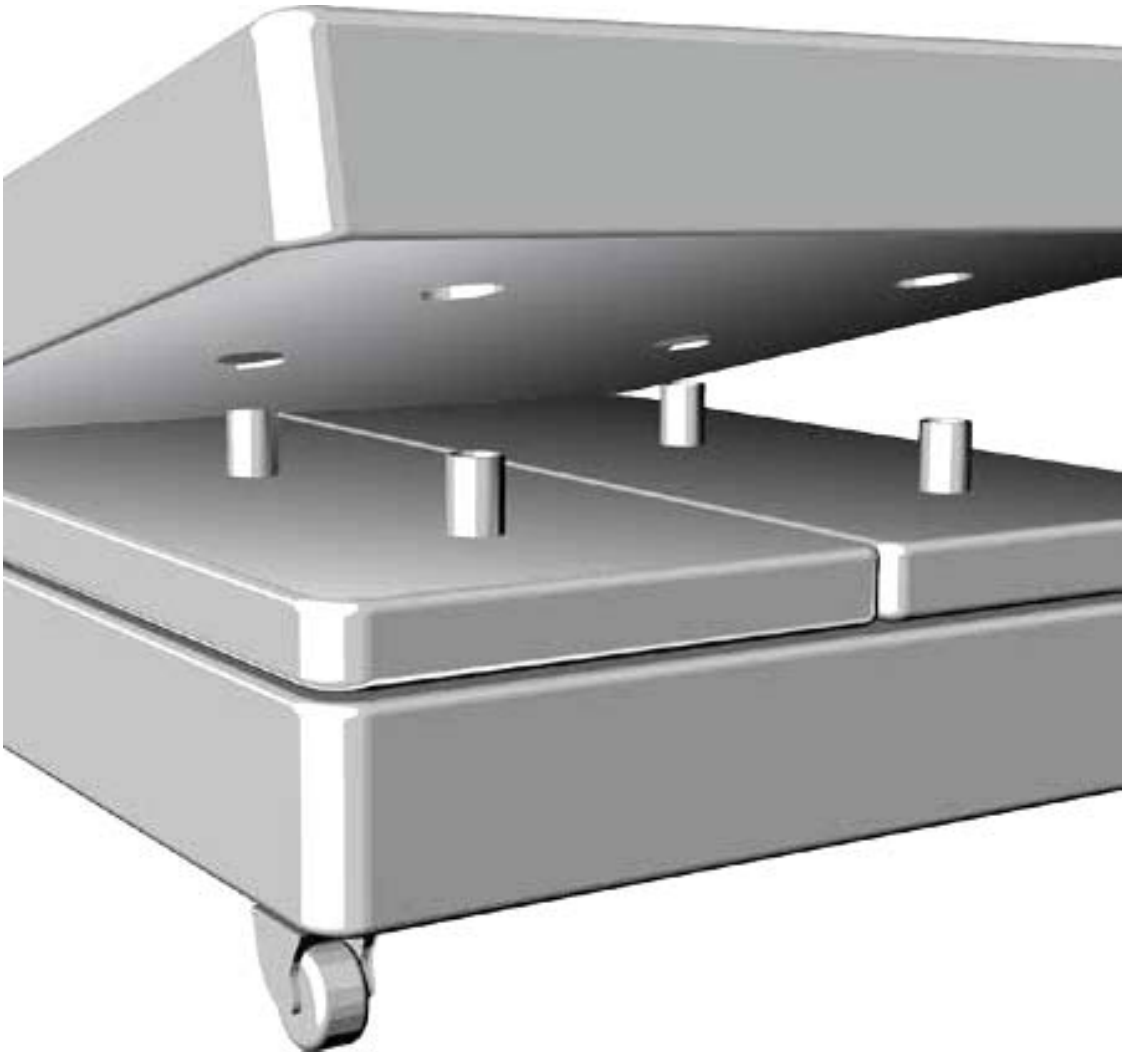
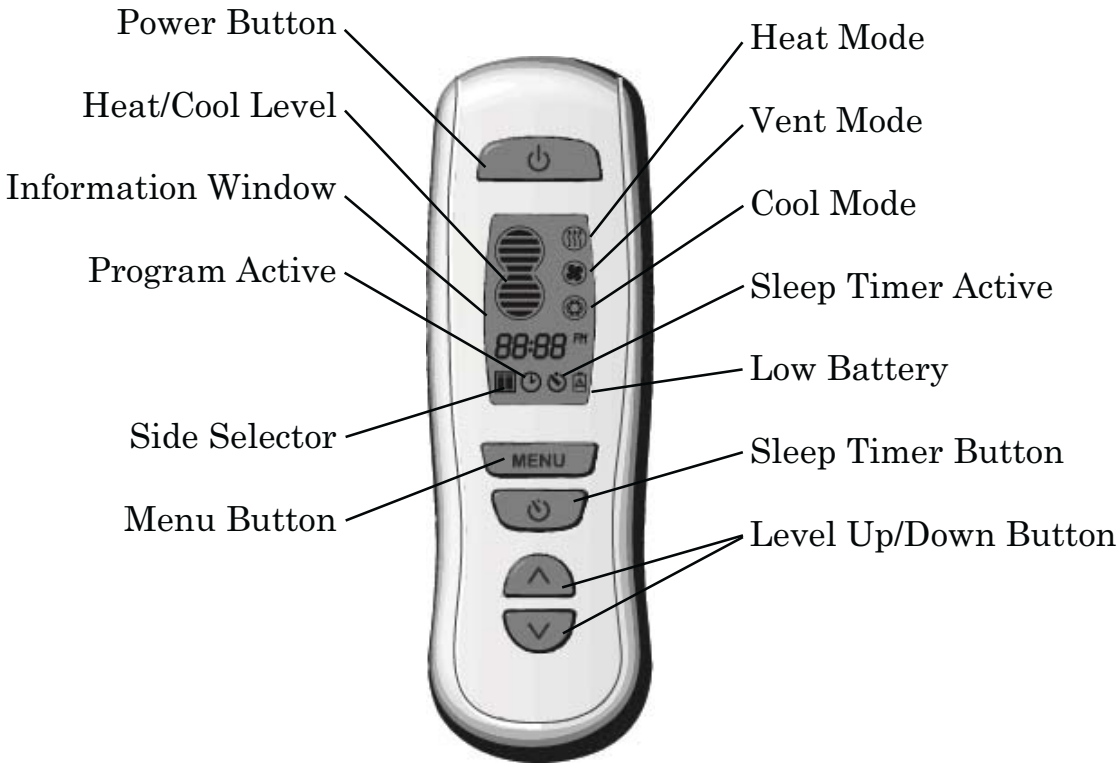
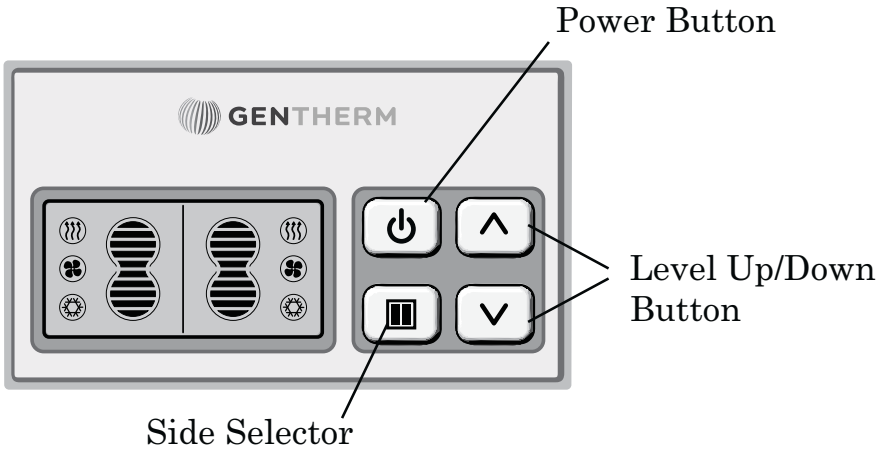


- Take care when lifting the mattress. It is necessary to obtain assistance when placing the mattress onto the interlay.

OPERATION

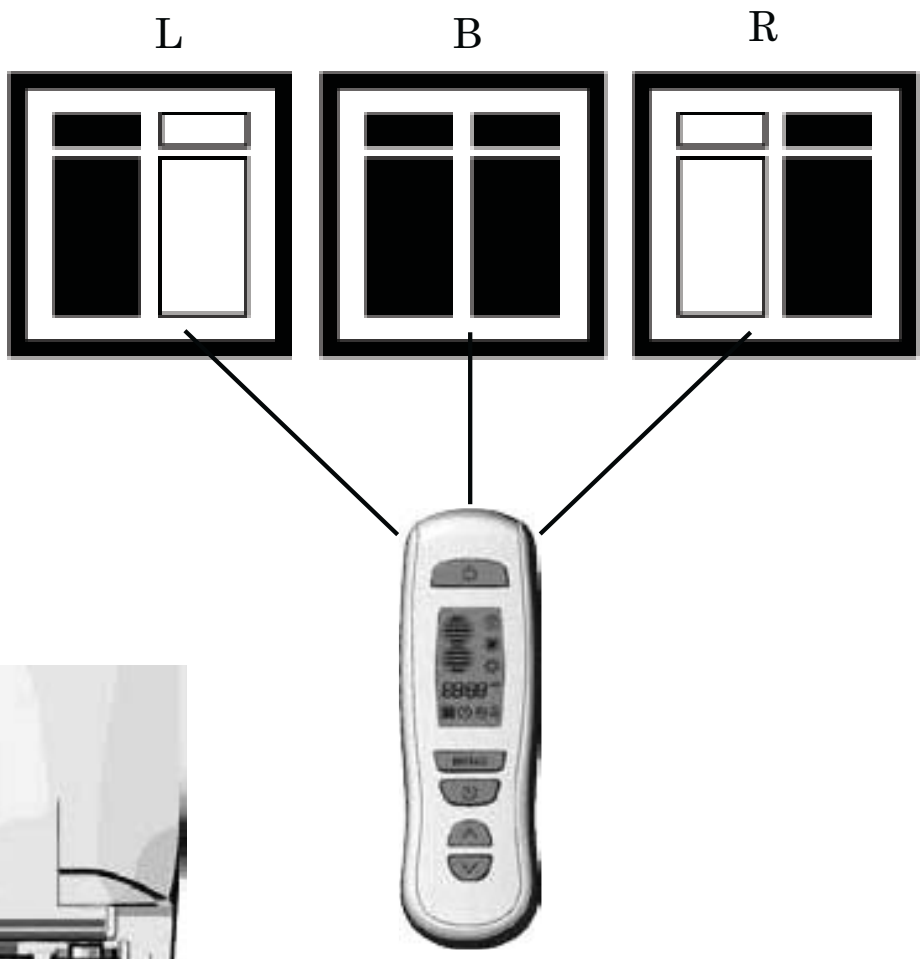


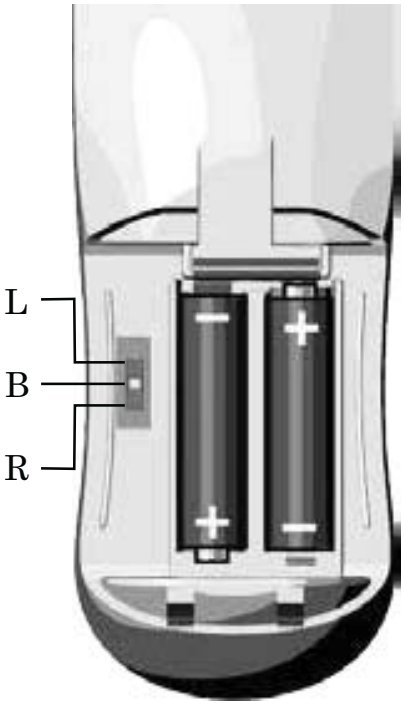
Remote Control
Model 500-1272



Master Control Unit (MCU) display

Your remote is designed to operate the left, the right, or both sides of the bed. When first installing the batteries, ensure that you select the desired position for the switch.



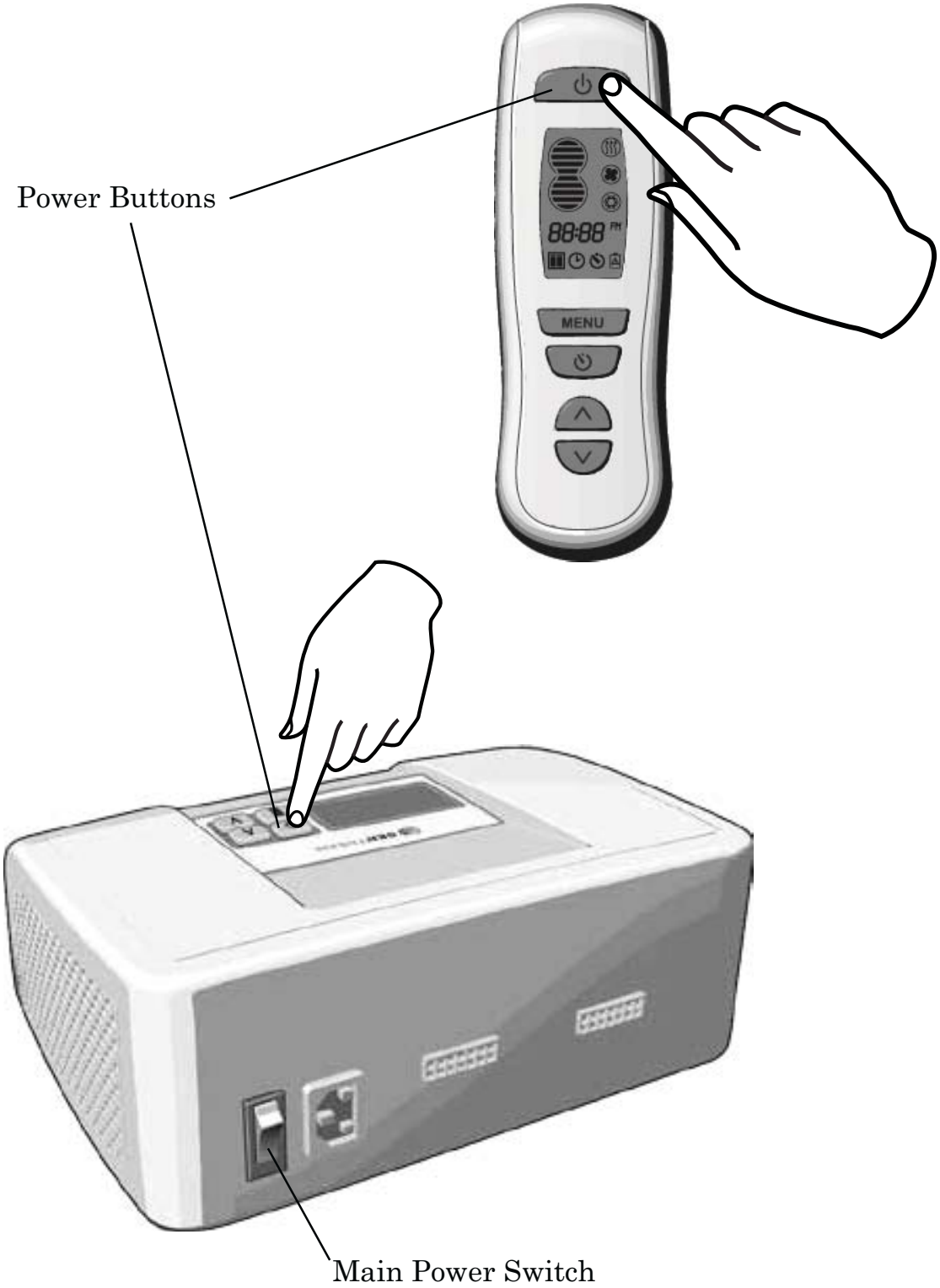


Battery

Caution

1. Danger of explosion if battery is incorrectly replaced. Dispose of used batteries according to the intructions
2. Use only AAA alkaline batteries for the remote control.

TURNING THE BED ON



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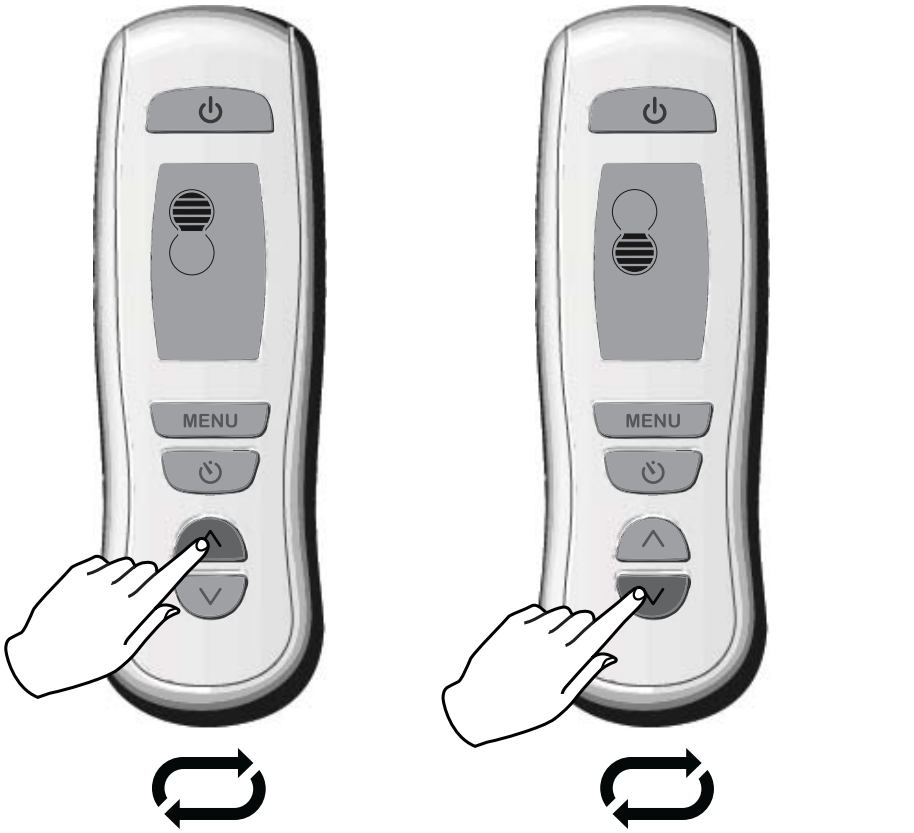
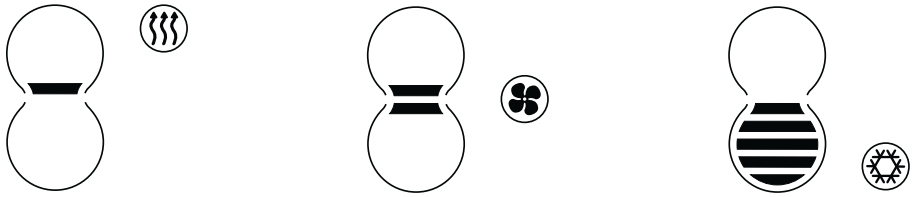
ADJUSTING HEAT/COOL SETTINGS





Low Heat

Ventilation
(no heat or cool)

Hi Cool

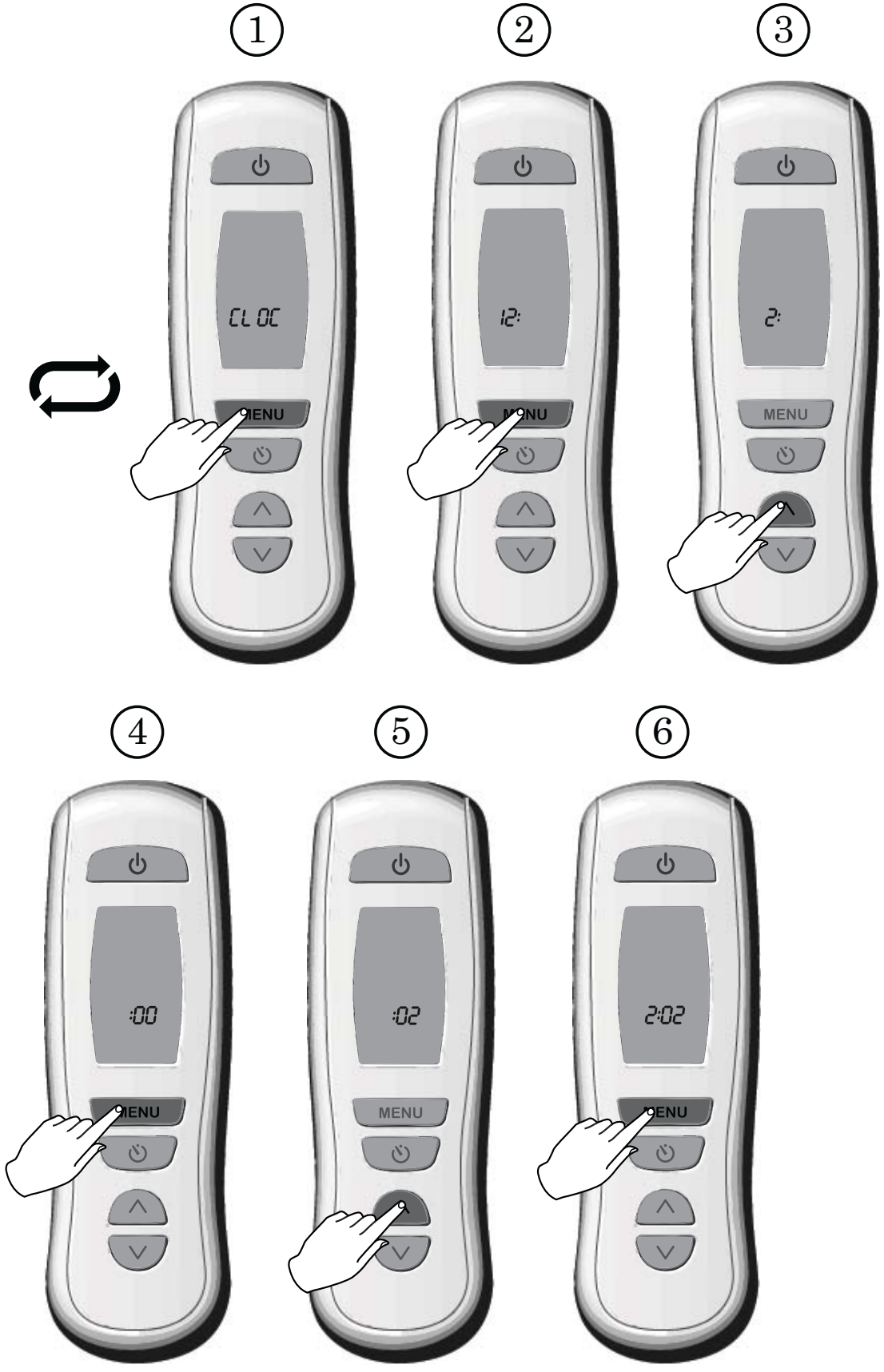
Note:
Humidity - The Climate Control Sleep System continuously monitors room humidity in the room environment. If the humidity levels are above normal, the system will operate at reduced performance to insure that no condensation occurs. While in HUMIDITY MODE, the HEAT or COOL icon will blink repeatedly to notify the user. Full operation will resume once normal humidity levels are reached.

Pre-Conditioning – Before getting into bed, pre-conditioning is recommended for optimal performance. Keeping the covers on the bed during pre-conditioning in either heat or cool mode is also recommended.

SLEEP TIMER

Turn the sleep timer on by pressing the timer button. Continue to press the button to scroll through sleep time increments: 15m, 30m, 1Hr, 2Hr, 4Hr, 6Hr, 8Hr, OFF. The system will automatically shut off after 10 hours of operation.

SETTING THE CLOCK



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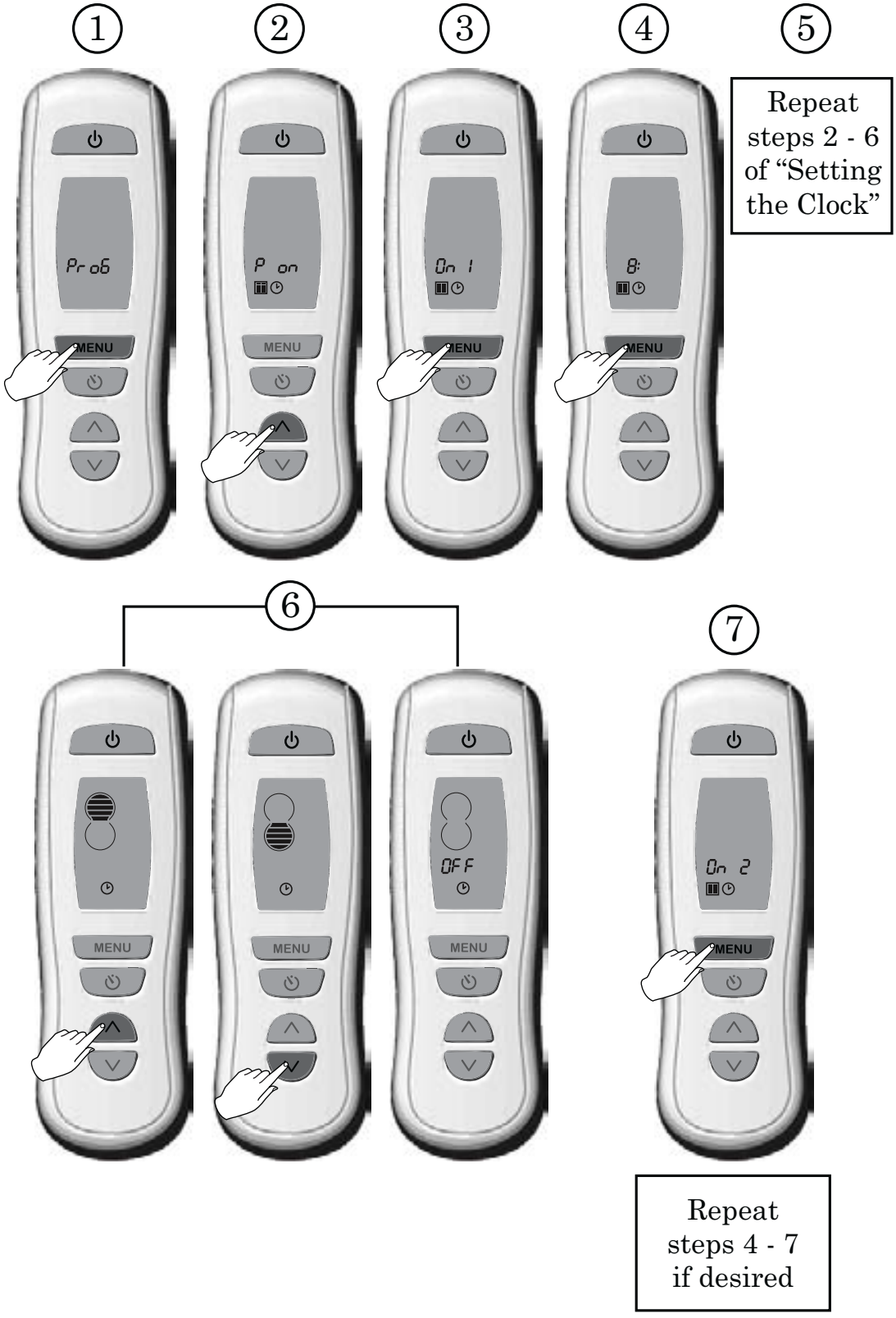
PROGRAMMING

SET PROGRAM



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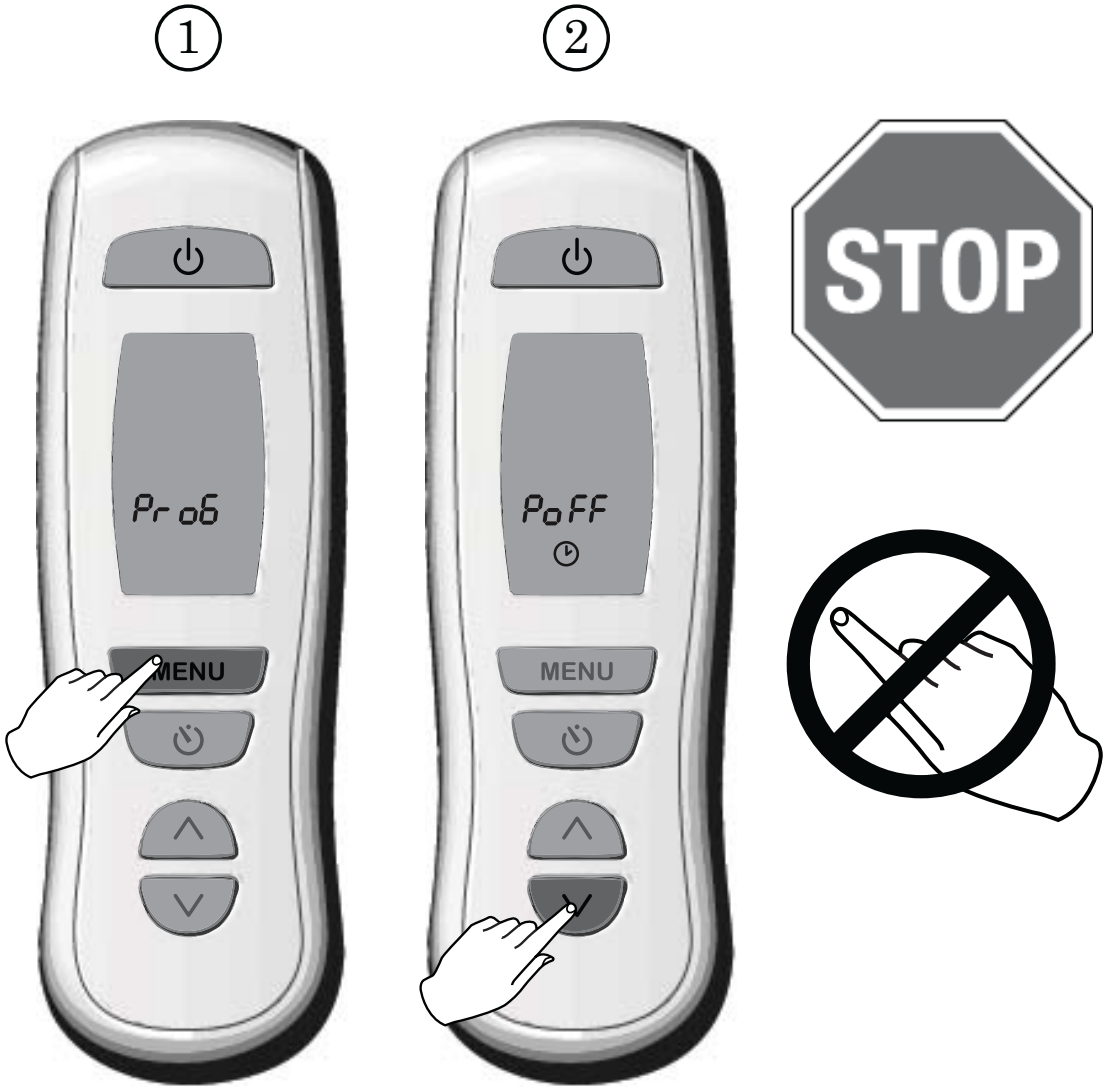
TURNING THE PROGRAM OFF



TROUBLESHOOTING

Fault Codes

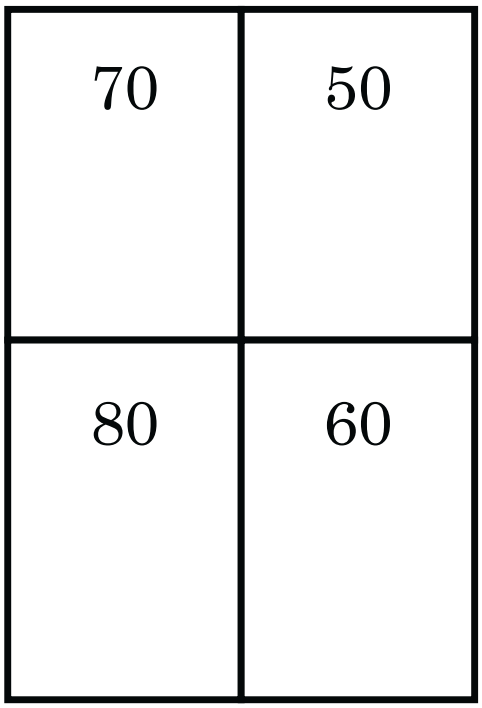
The main control unit (MCU) is designed with a set of pre-programmed fault codes to aid in troubleshooting. If fault codes appear on the screen, please take note of what is displayed. Follow the next steps:

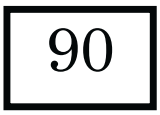
1. Turn the MCU "OFF" by using the switch on the back of the MCU housing. Wait 30 seconds, then turn the MCU "ON".

2. Turn the bed on to HI HEAT for 10 minutes.

3. If no error code is present, the issue is resolved. If the same or new error code appears, ensure that all connection are made and repeat steps 1 and 2.

4. If the error code(s) remain, please contact customer service. You can always access the latest technical information at www.gentherm.com/ccss.





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This product is covered by one or more U.S. patents or patent applications, including:

U.S. Pat. No. 8,065,763
U.S. Pat. No. 7,877,827
U.S. Pat. No. 7,996,936
U.S. Pat. No. 8,402,579
U.S. Pat. No. 8,256,236
U.S. Pat. No. 8,505,320
U.S. Pat. No. 8,418,286
U.S. Pat. No. 8,181,290

Technology Provided by

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